

PROFESSIONAL DEVELOPMENT PROGRAM
 “Loading operator at marine oil terminal”

Duration: 24 hours

Mode: off-the-job training

№	Topics
1	Introduction
1.1	Main physical, chemical and hazardous properties of crude oil and oil products
2	Types of oil tankers. International requirements for the transport of oil products
2.1	Oil tankers: review of the main types
2.2	Requirements of the International Conventions SOLAS 74 and MARPOL 73/78 concerning the carriage of oil products
3	Ship-shore interaction. Carrying out cargo and auxiliary operations with oil products
3.1	Preparation of the terminal for the transfer (reception) of oil products. Interaction with the tanker.
3.2	Cargo and final operations at the terminal
3.3	Cleaning and washing of tanks for oil products
3.4	Sampling of oil products
4	Fire safety at oil terminals and personal protective equipment
4.1	Fire extinguishing systems at oil terminals
4.2	Personal protective equipment for personnel of oil terminals
5	Industrial safety rules. Federal rules and regulations "Industrial safety rules for oil and oil product warehouses"
5.1	Federal Law 116 "On industrial safety of hazardous industrial facilities"
5.2	Federal rules and regulations "Industrial safety rules for oil and oil product warehouses"
6	Requirements for the design of tanks for the transport of oil products
6.1	General requirements for tanks for oil products
6.2	Features of railway and road tankers for oil products
7	Requirements for explosion-proof equipment. Types of protection.
7.1	Basic requirements for explosion-proof equipment
7.2	Ensuring safety when working on explosion-proof equipment
8	First aid to persons exposed to damaging effects of oil products and oil gases
8.1	Priority actions and first aid persons exposed to damaging effects of oil products
9	Equipment for oil terminals
9.1	Onshore tanks for oil products
9.2	Onshore cargo hoses and loading arms for oil products
9.3	Onshore pumping systems for oil products
10	Occupational health and safety regulations when working with oil products
10.1	Basic measures and rules for occupational health and safety at an oil terminal
10.2	Organizational and technical measures to prevent emergency situations at an oil terminal
Final assessment	